

He and other Gasses

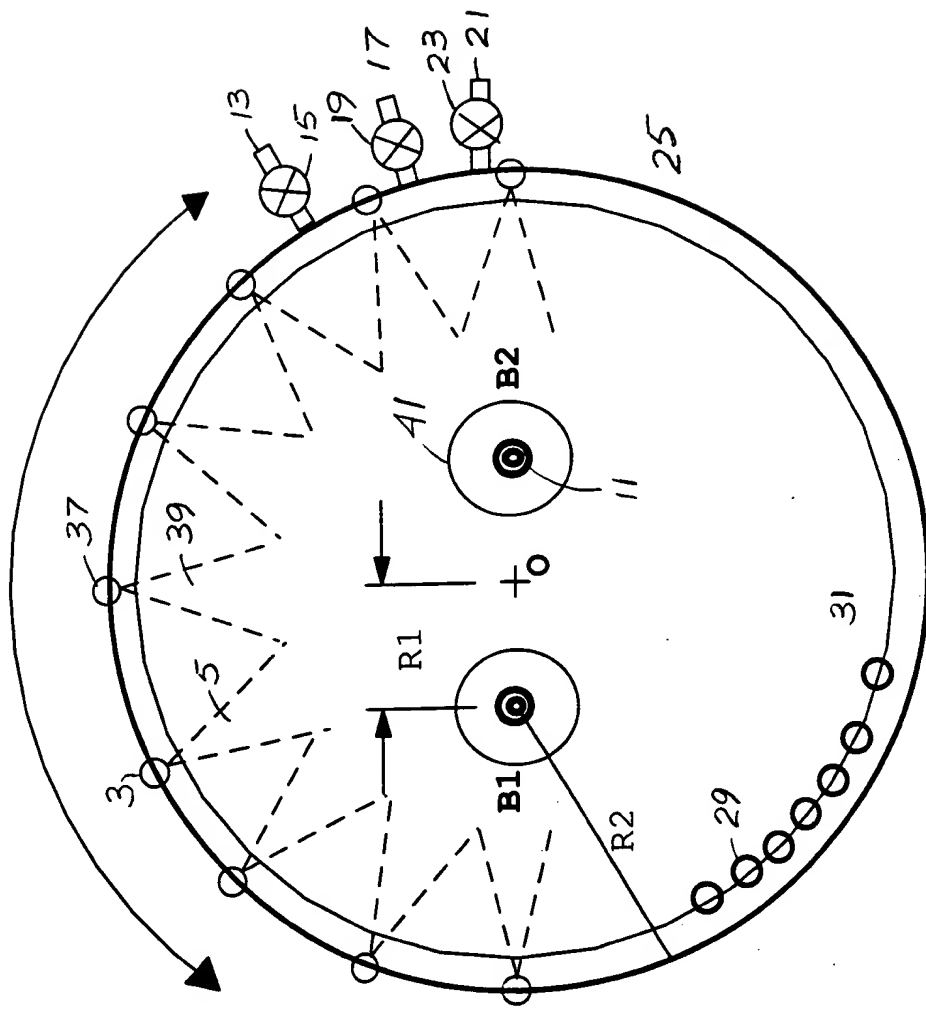


FIG. 2

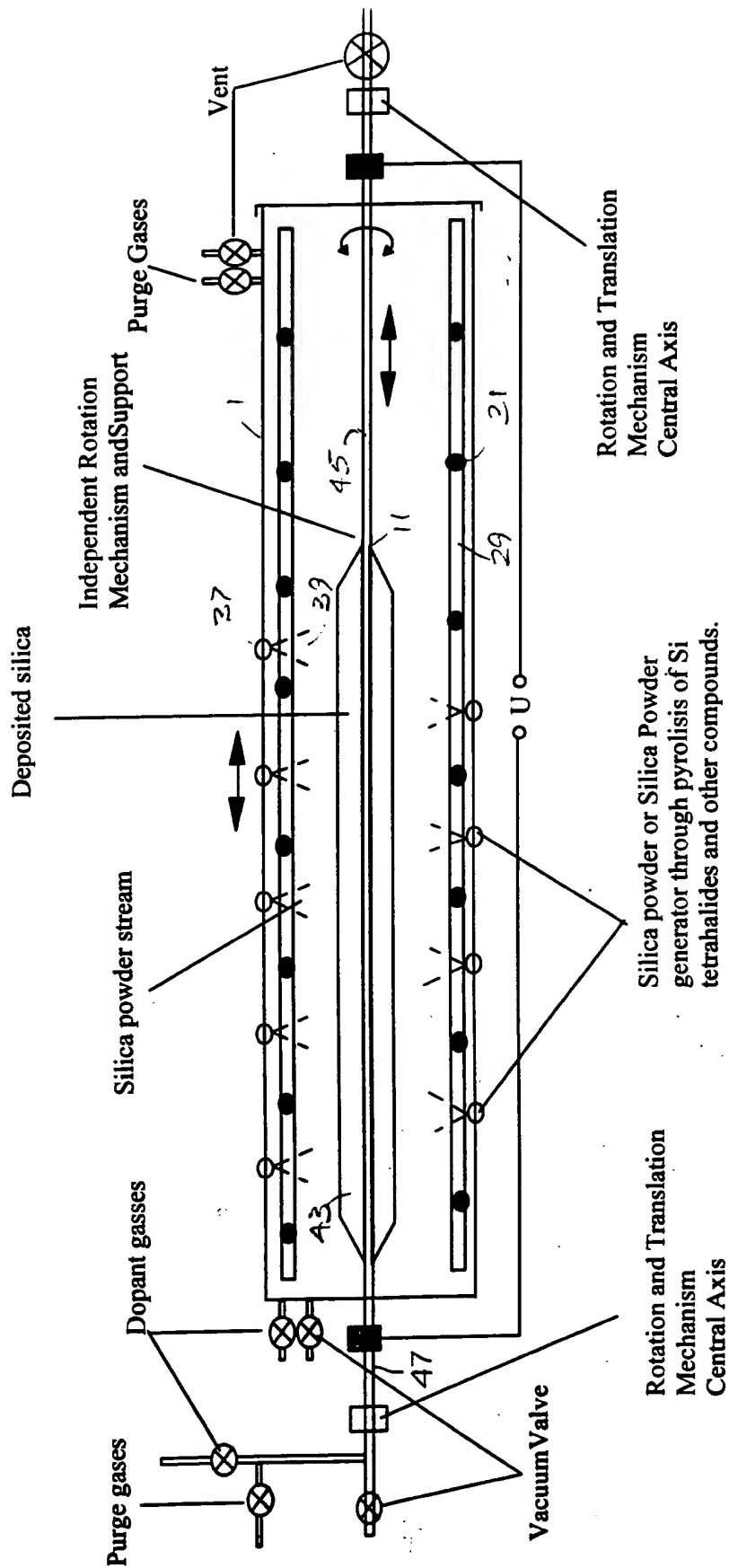


FIG. 3

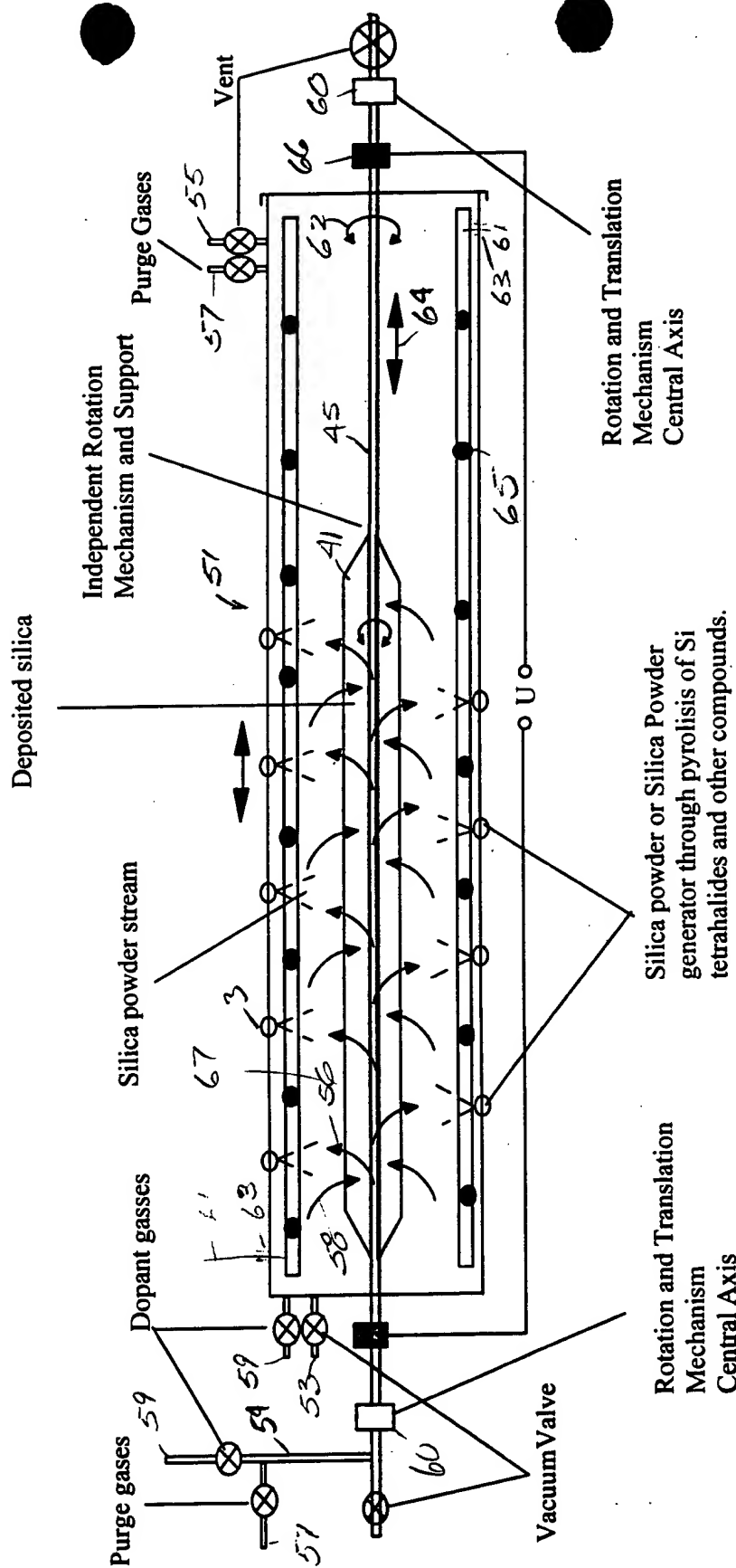


FIG. 4

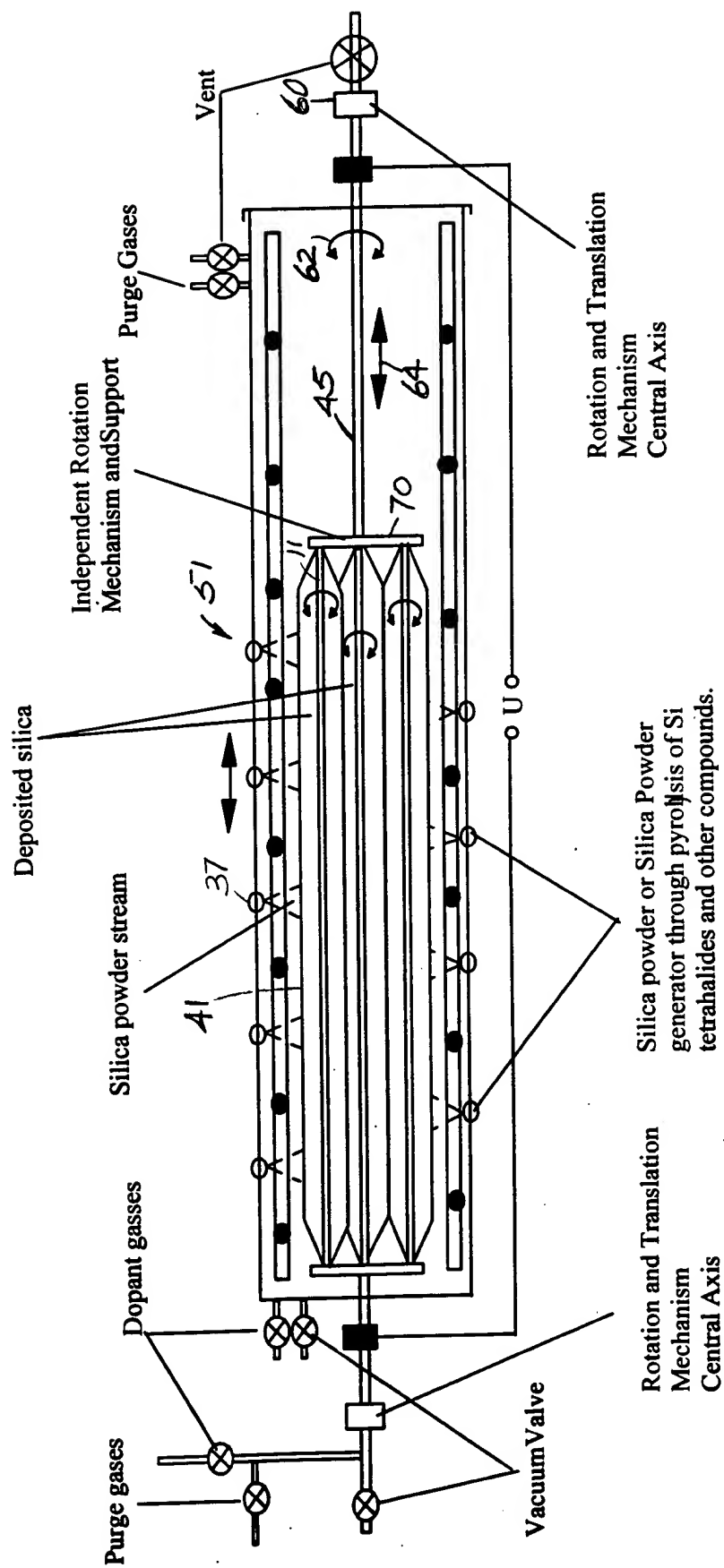


FIG. 5

Vitrified silica

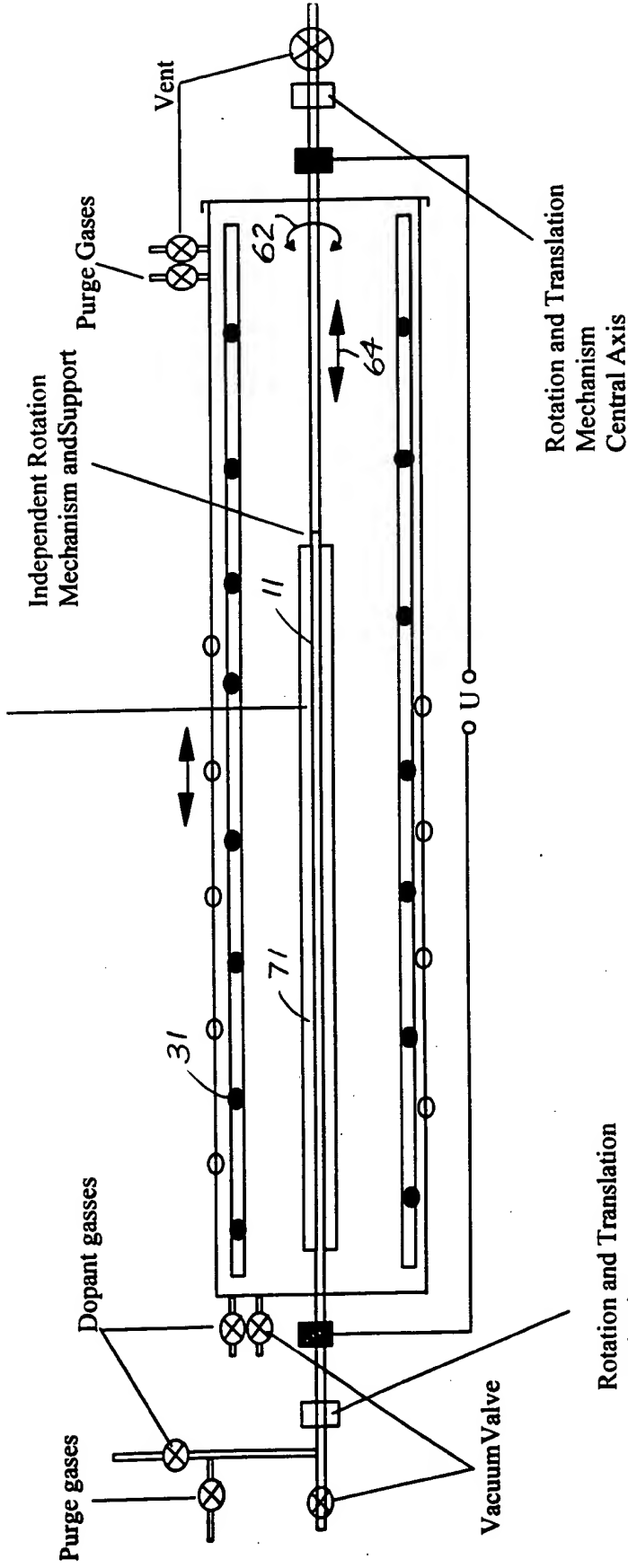


FIG. 6

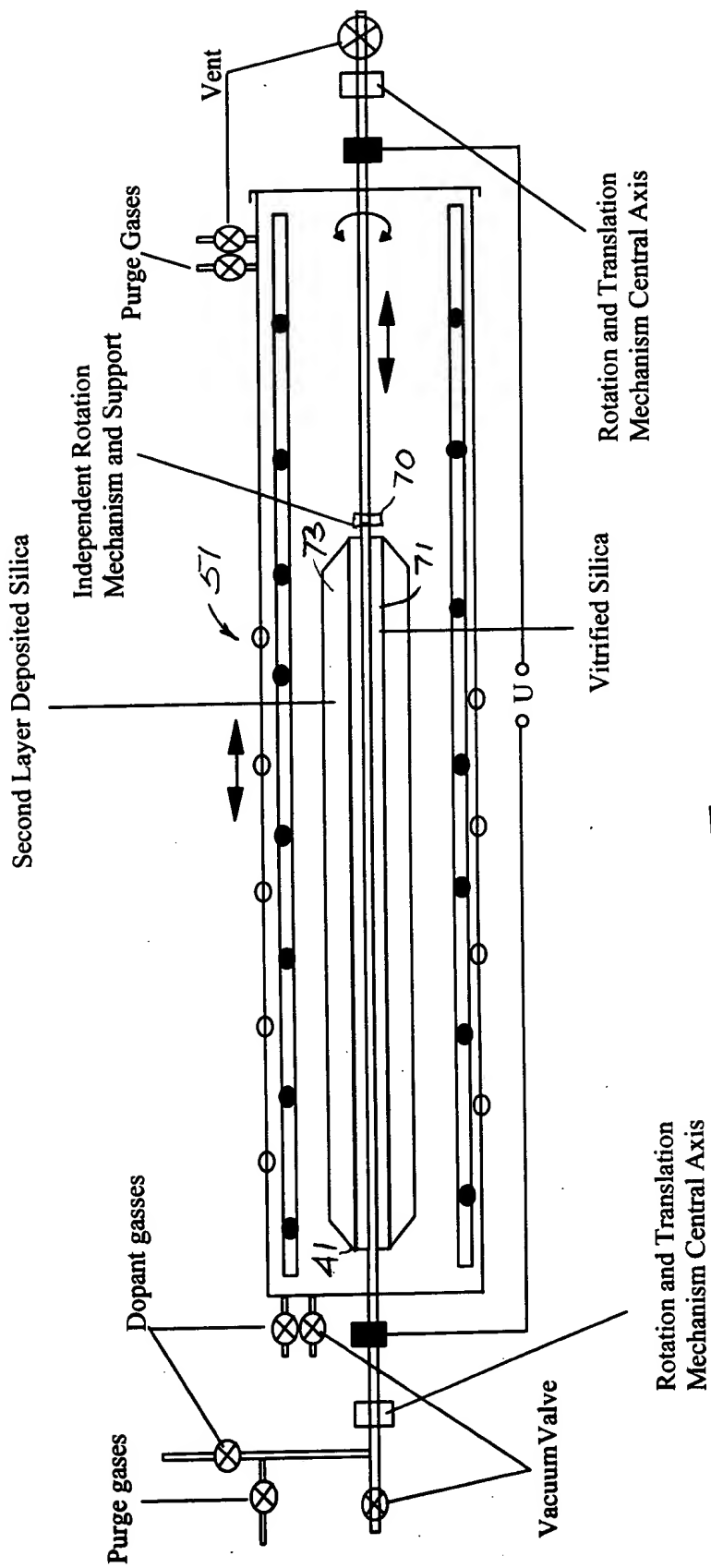


FIG. 7

Cladding Layer Silica Deposit
(Doped or Undoped)

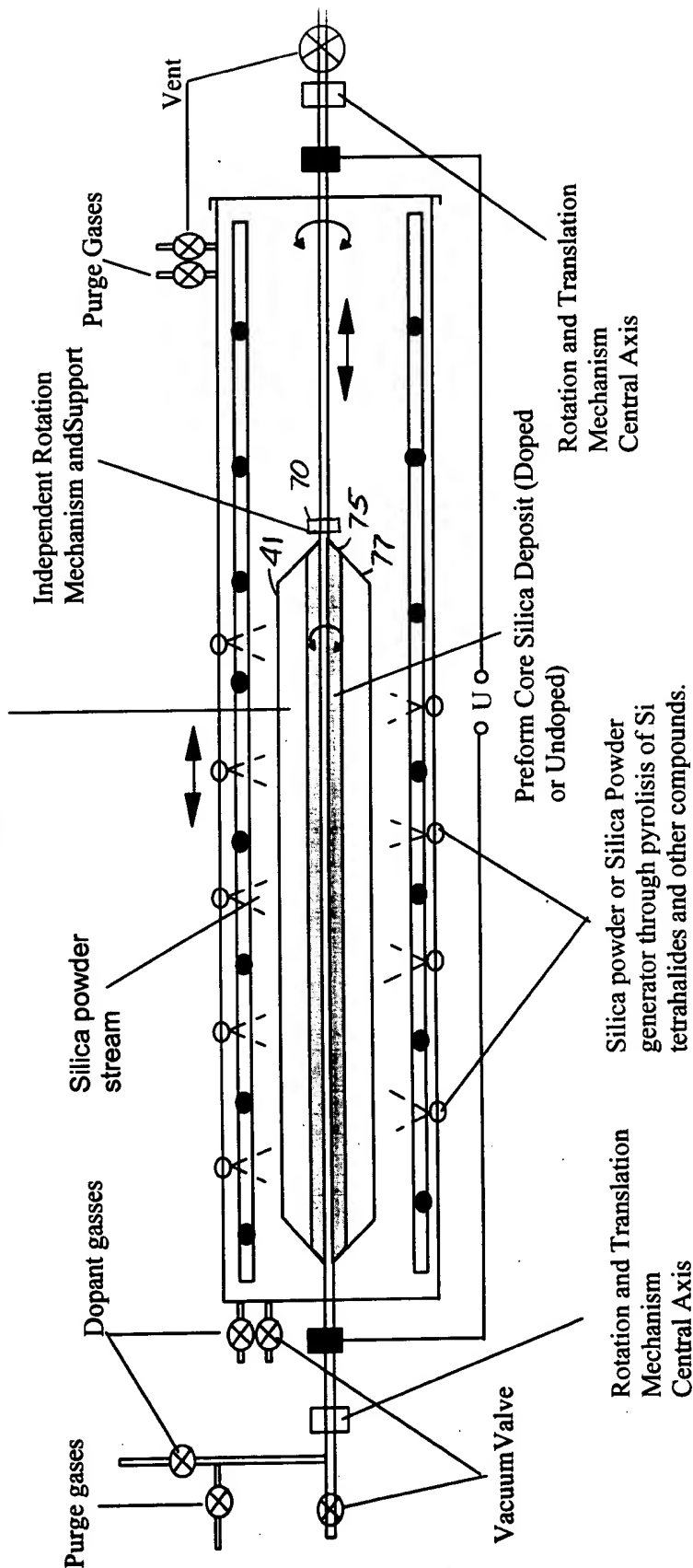


FIG. 8

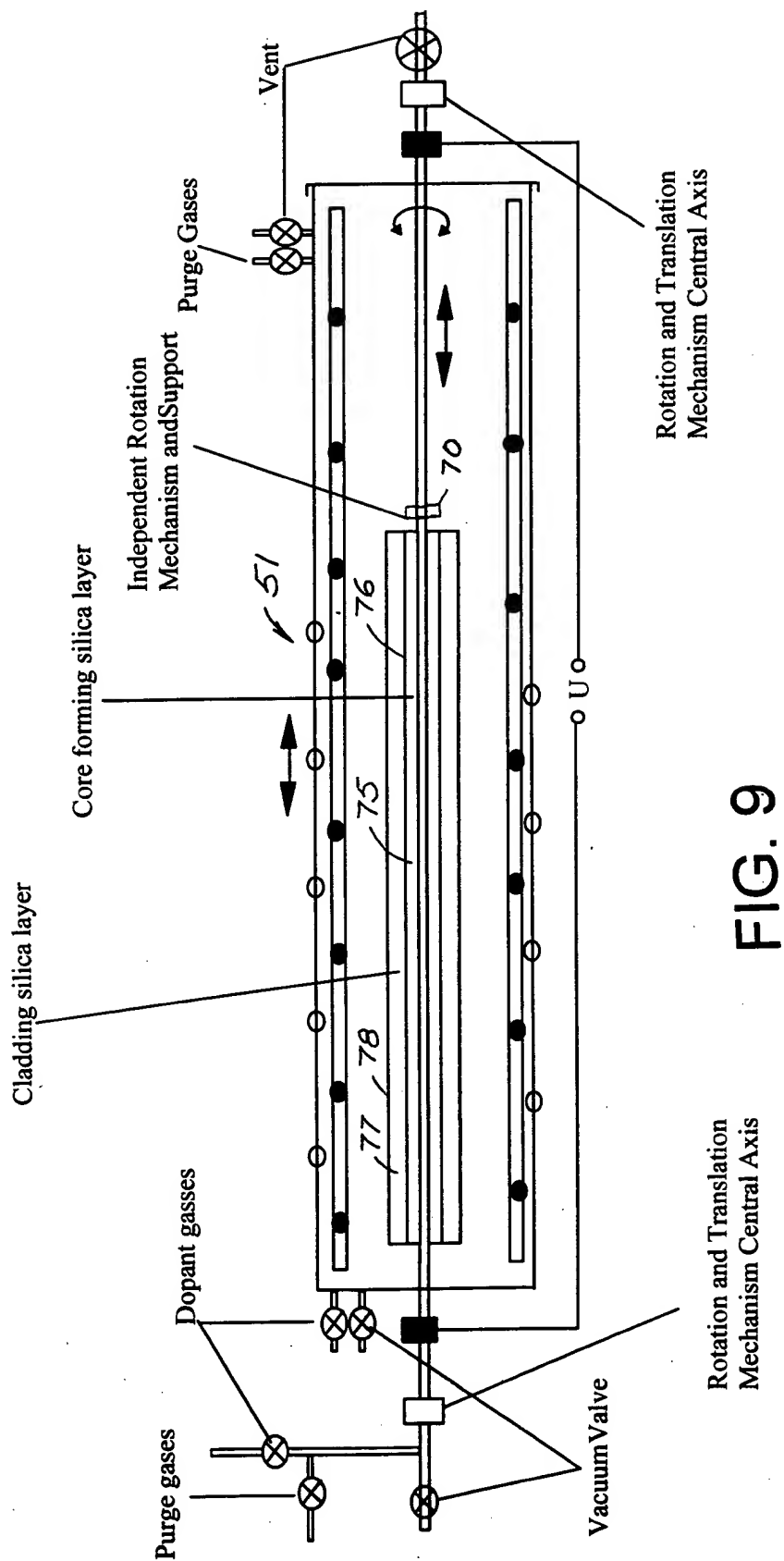
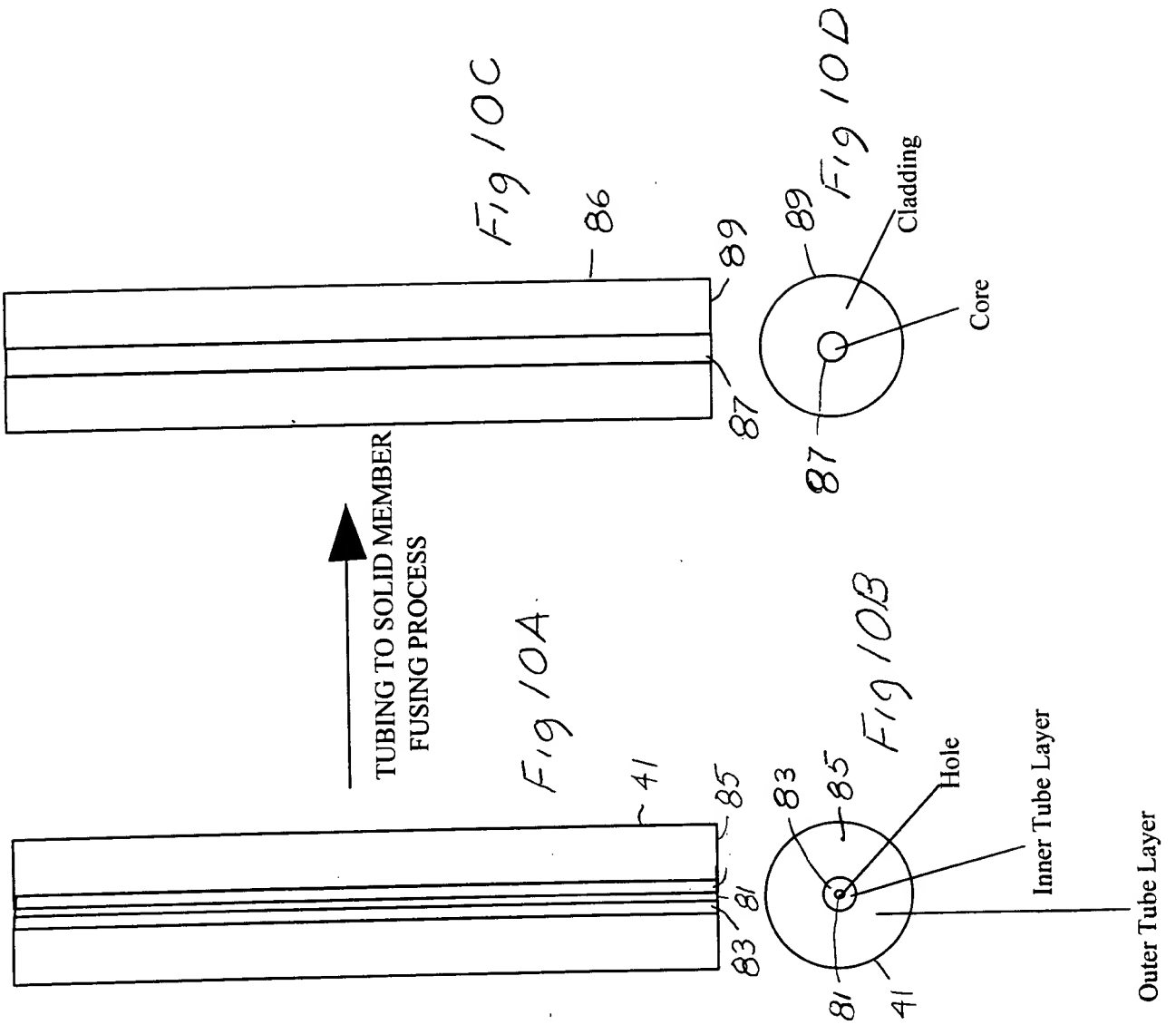


FIG. 9



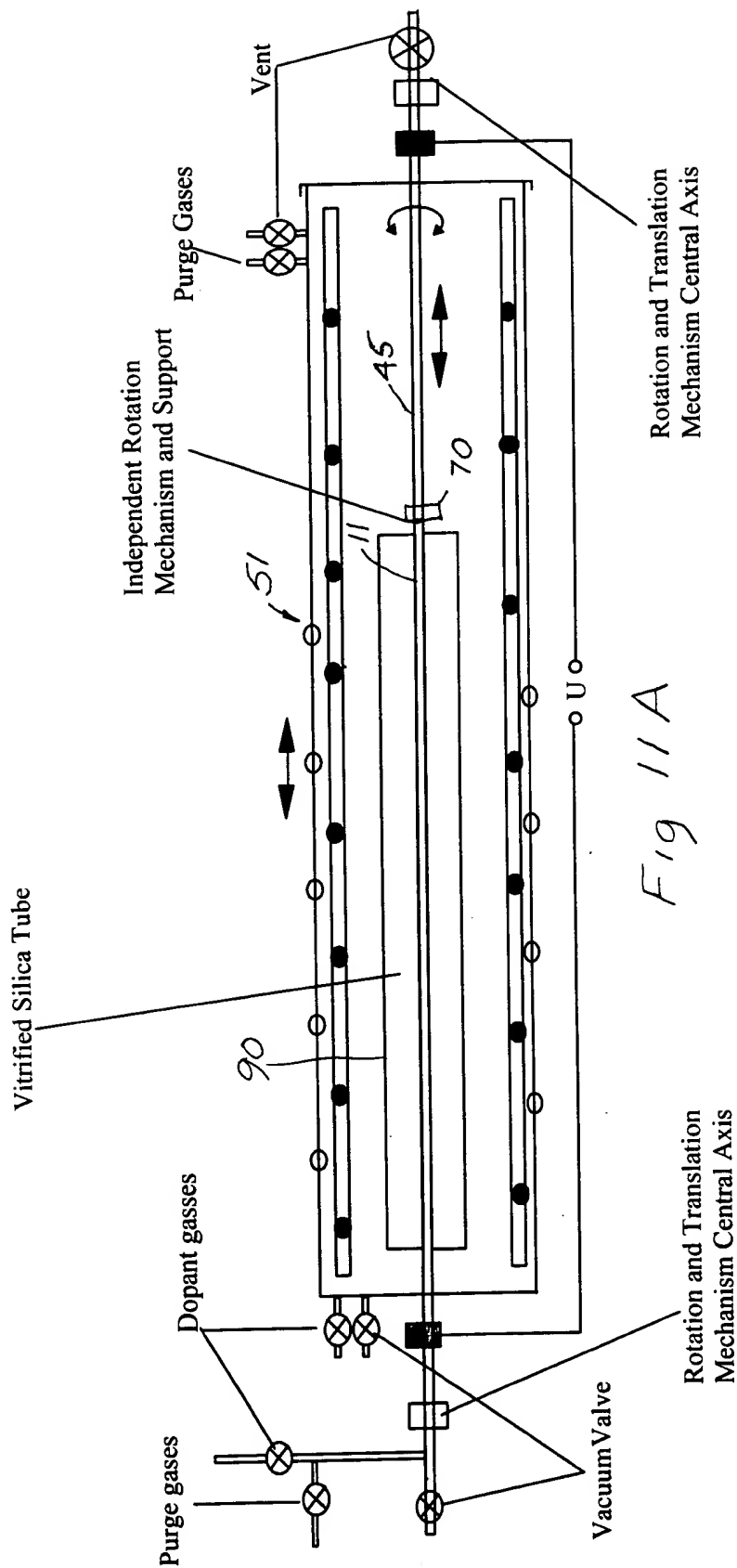


Fig 11A

90

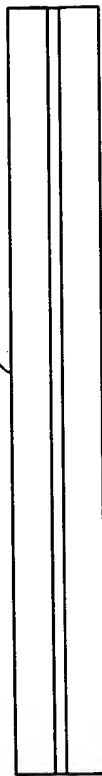


Fig 11B

Vitrification of a doped or undoped fused silica tube and tube member produced

TOP SECRET

Vitrified Silica

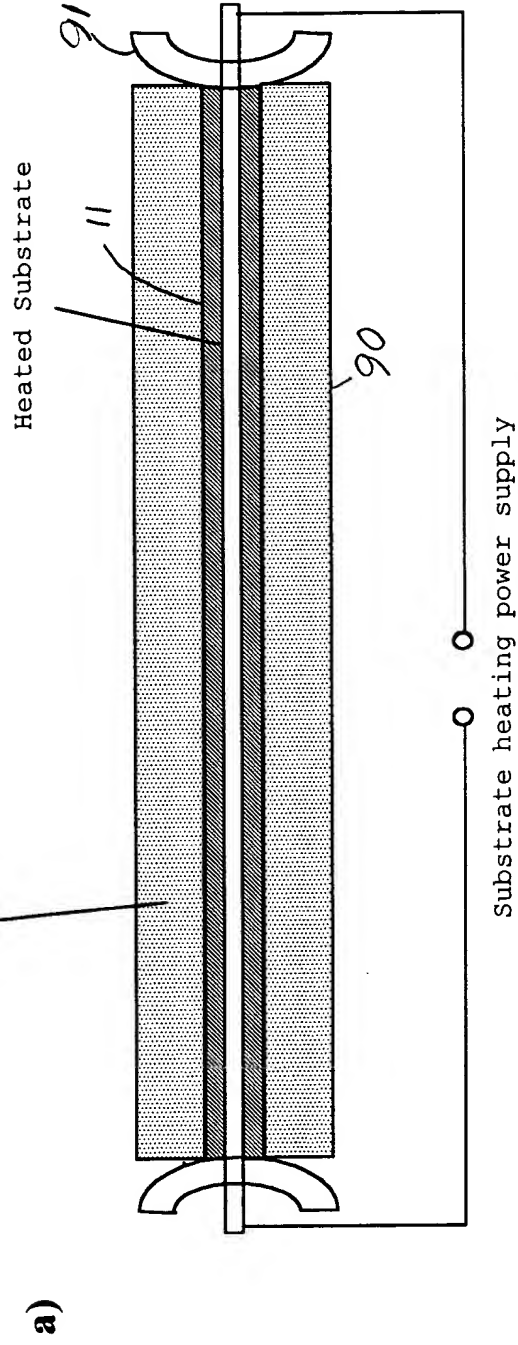
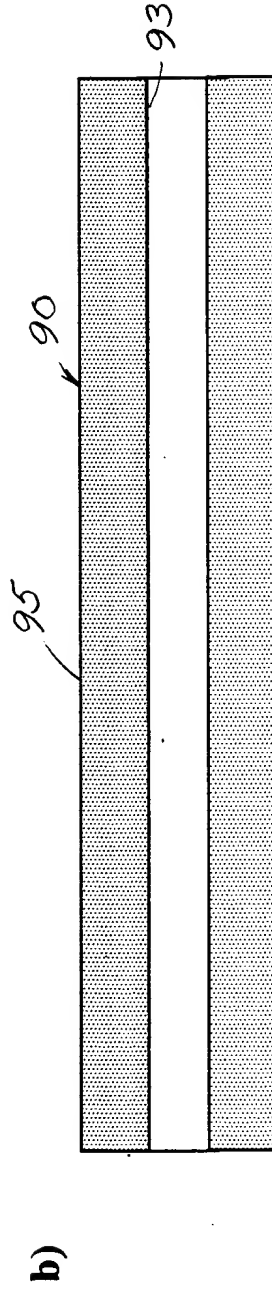
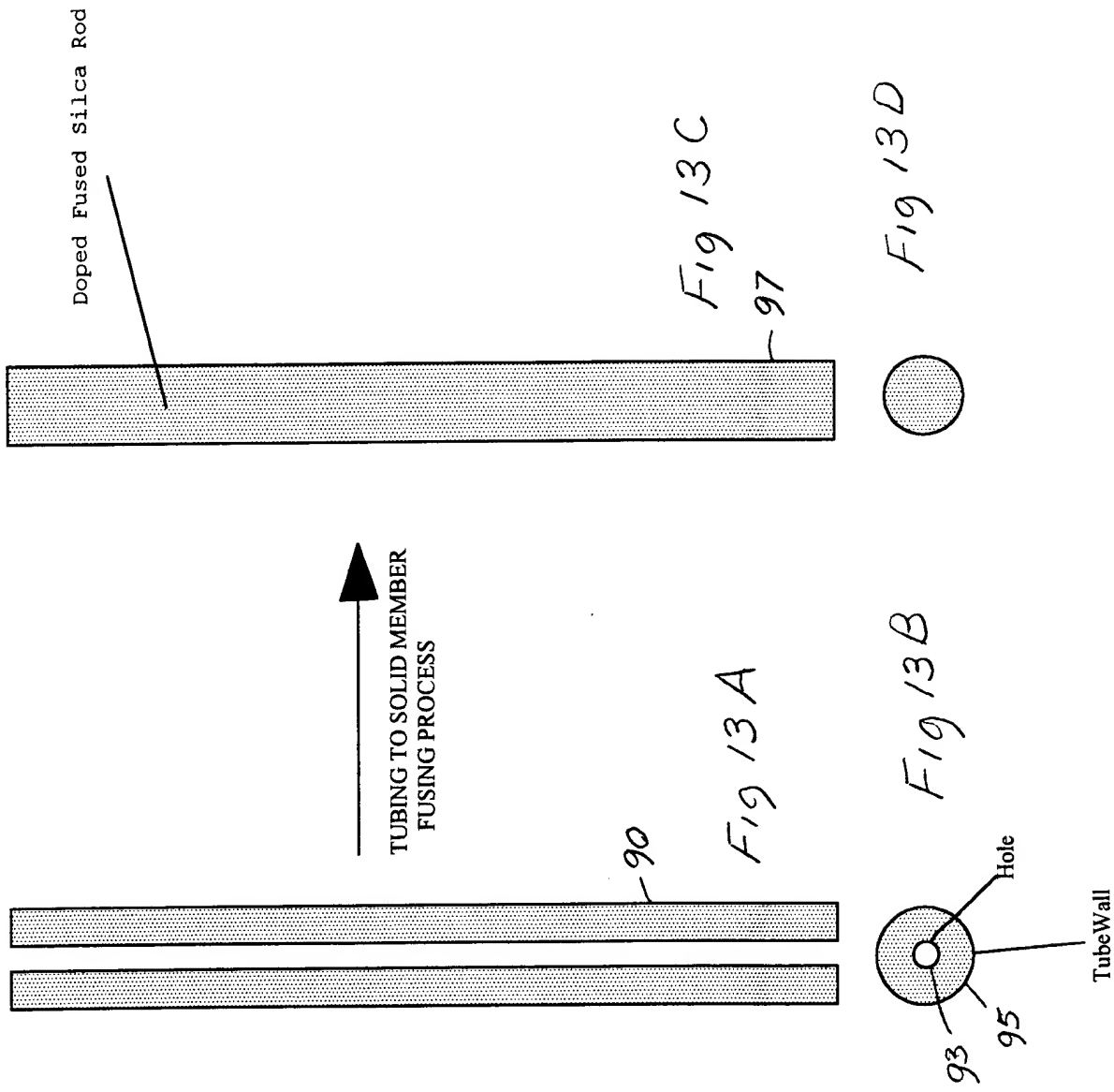


Fig 12 A

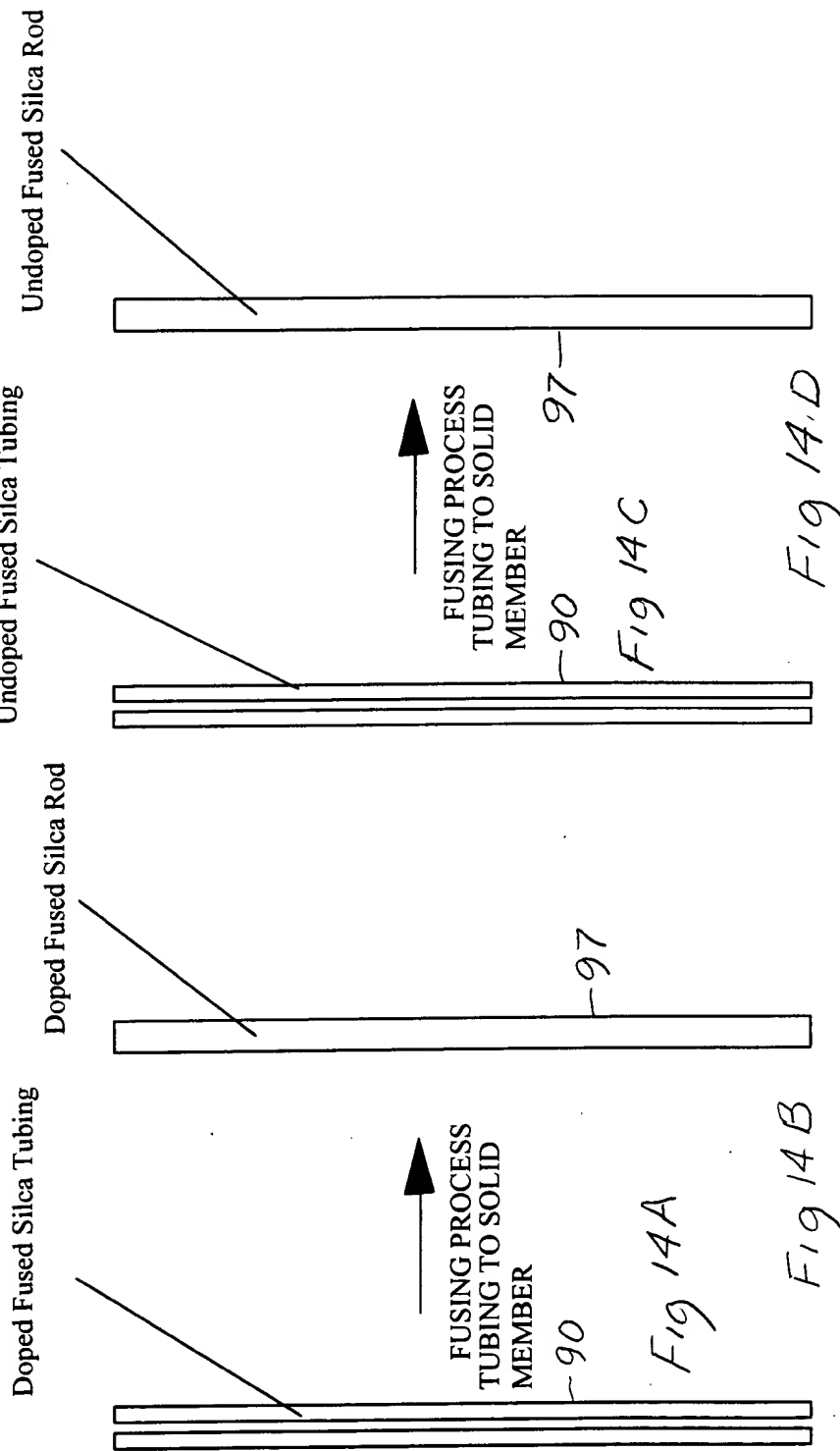


Silica Tube Member

Fig 12 B



Fiber Optic Preform Core (Doped or Undoped) Rod Fabrication



Undoped Core Fabrication Process

Fiber Optic Preform Core (Doped or Undoped) Rod Fabrication

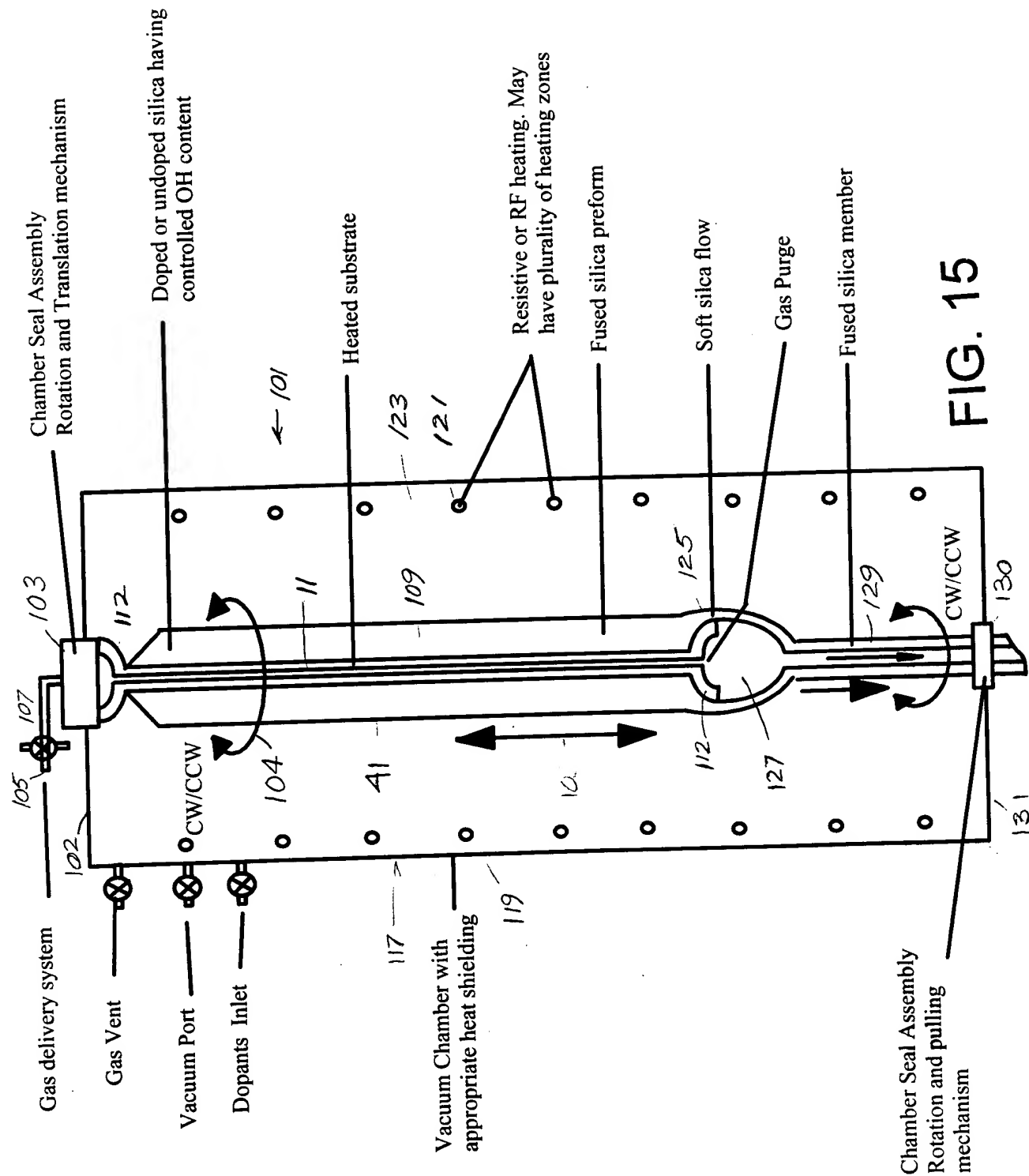


FIG. 15

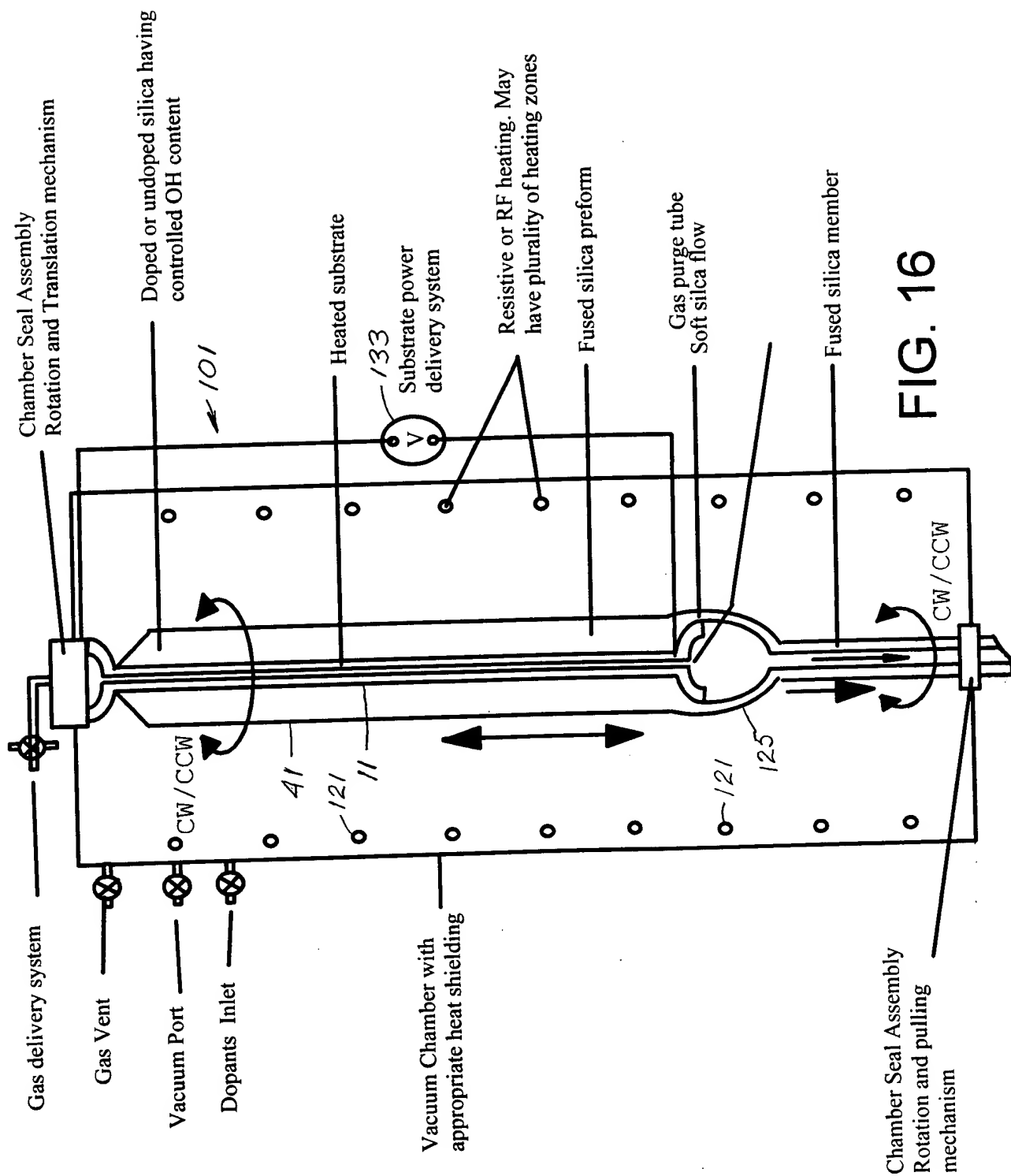


FIG. 16

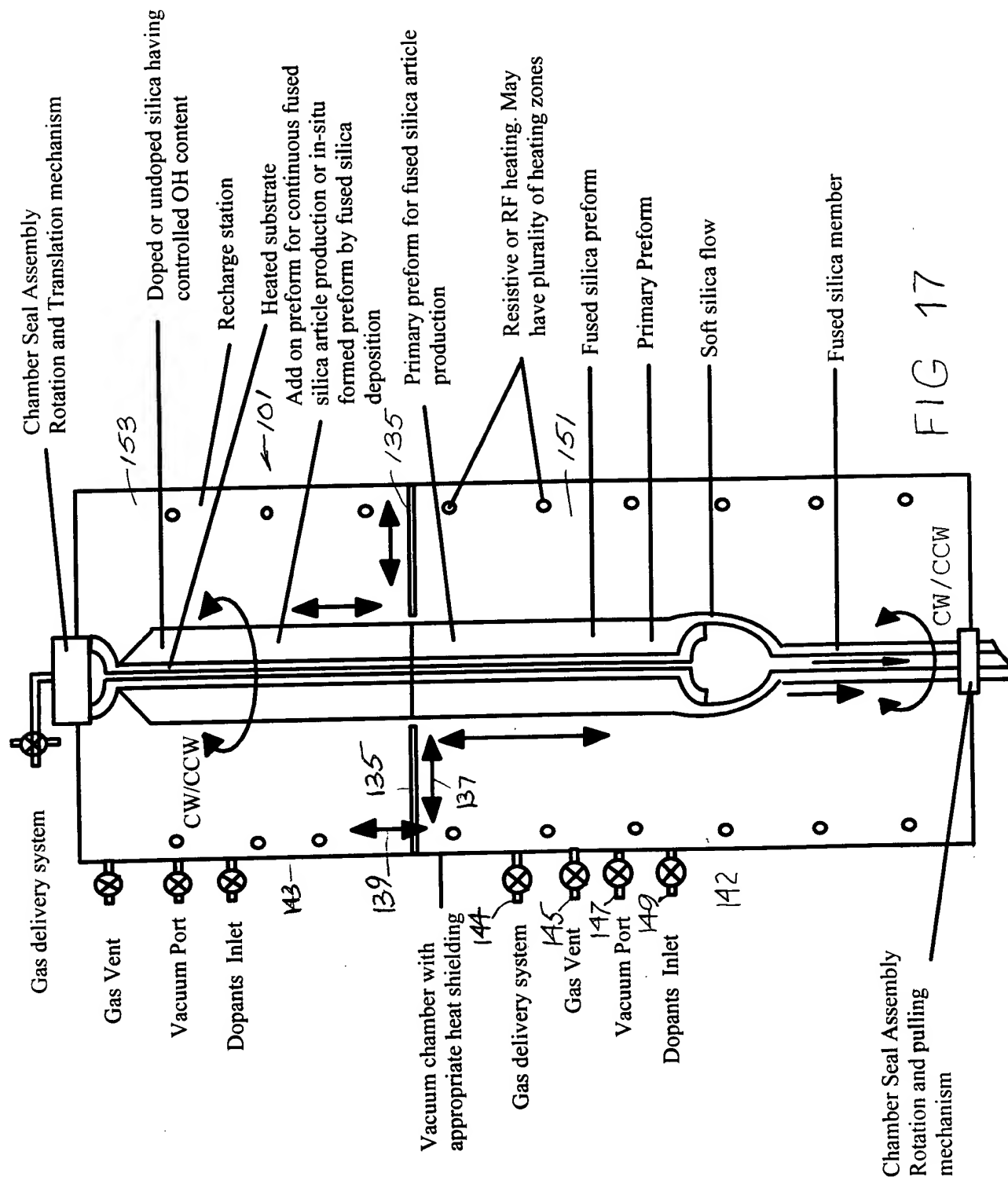


FIG 17

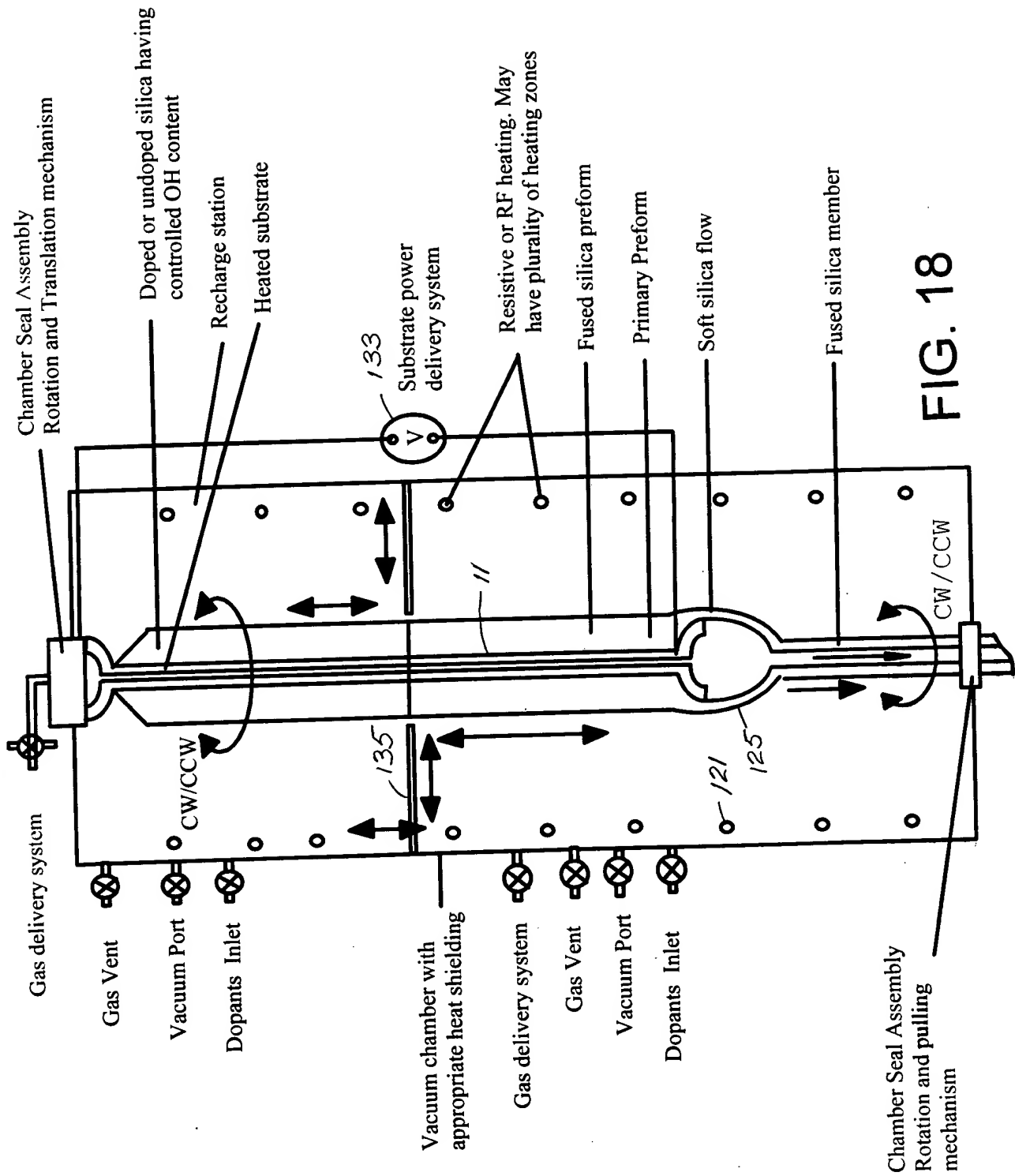


FIG. 18

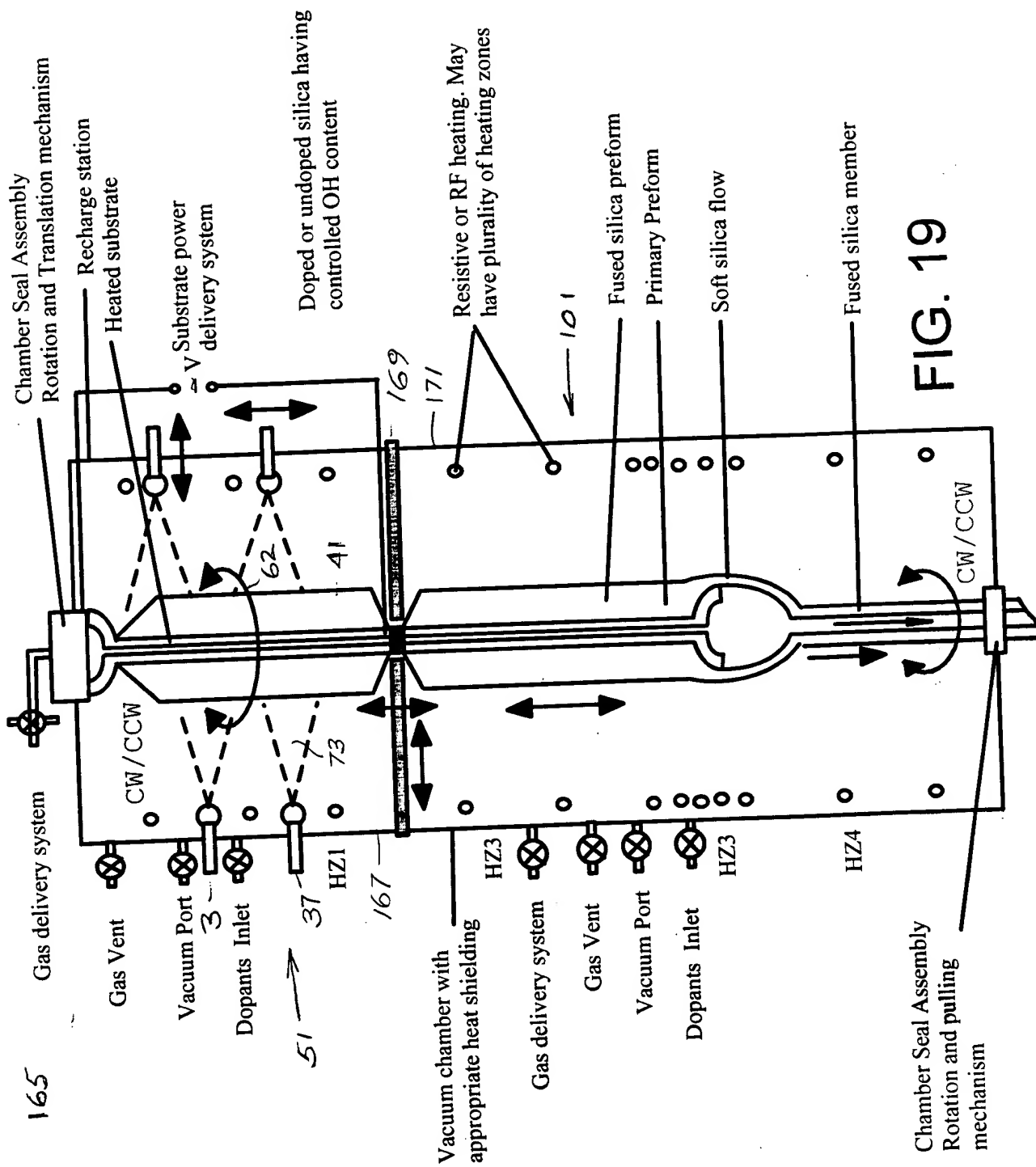


FIG. 19

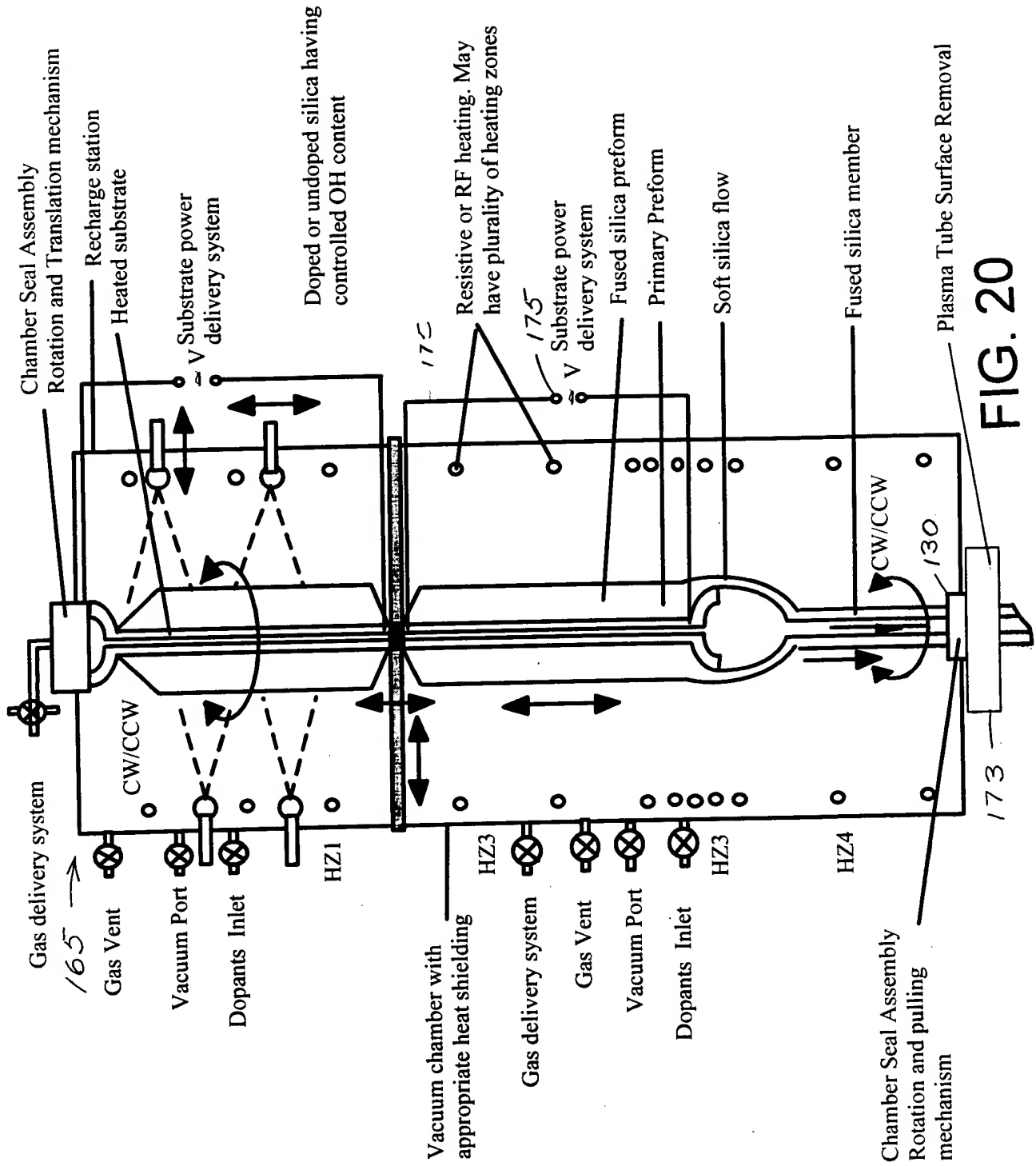


FIG. 20

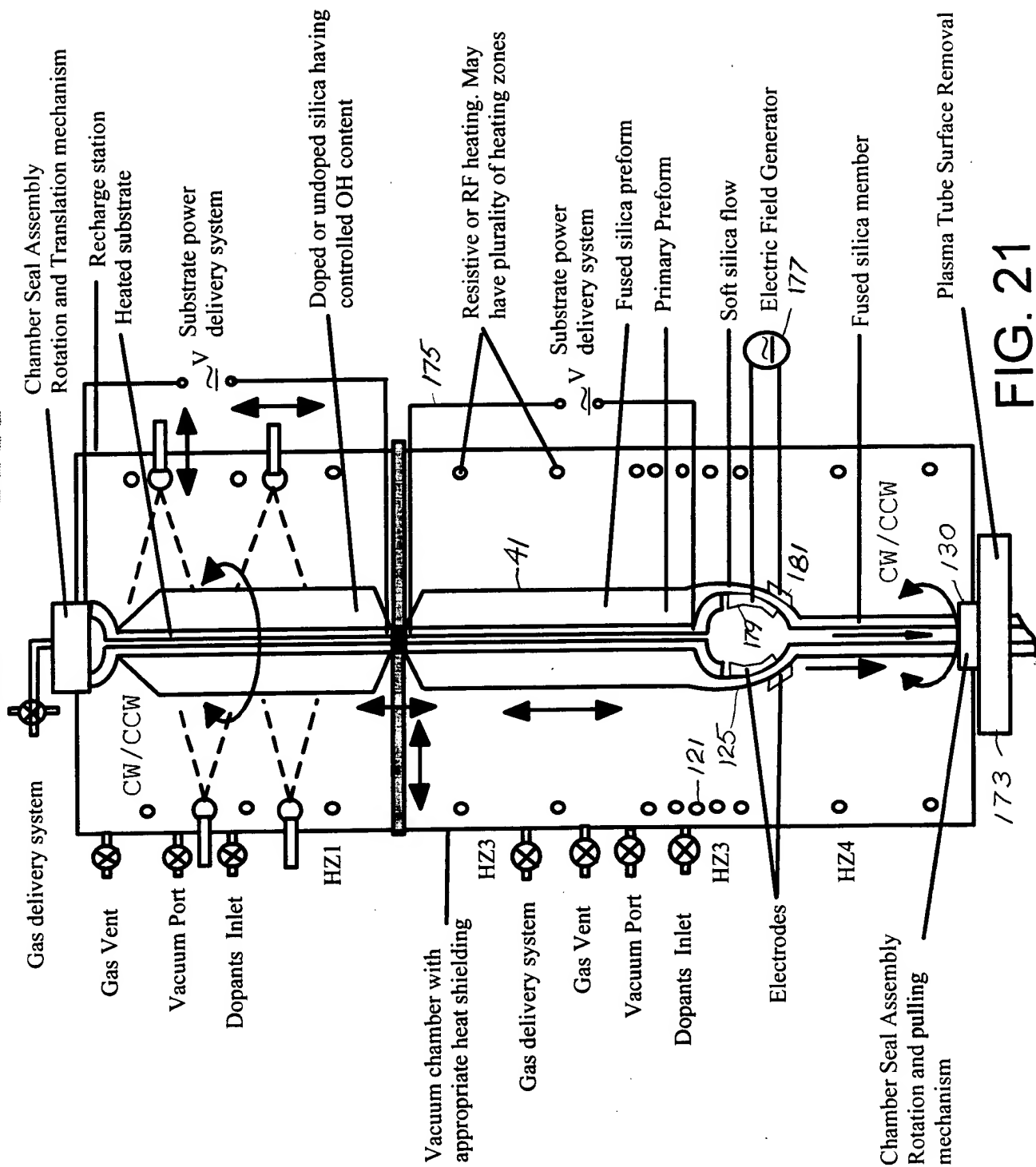
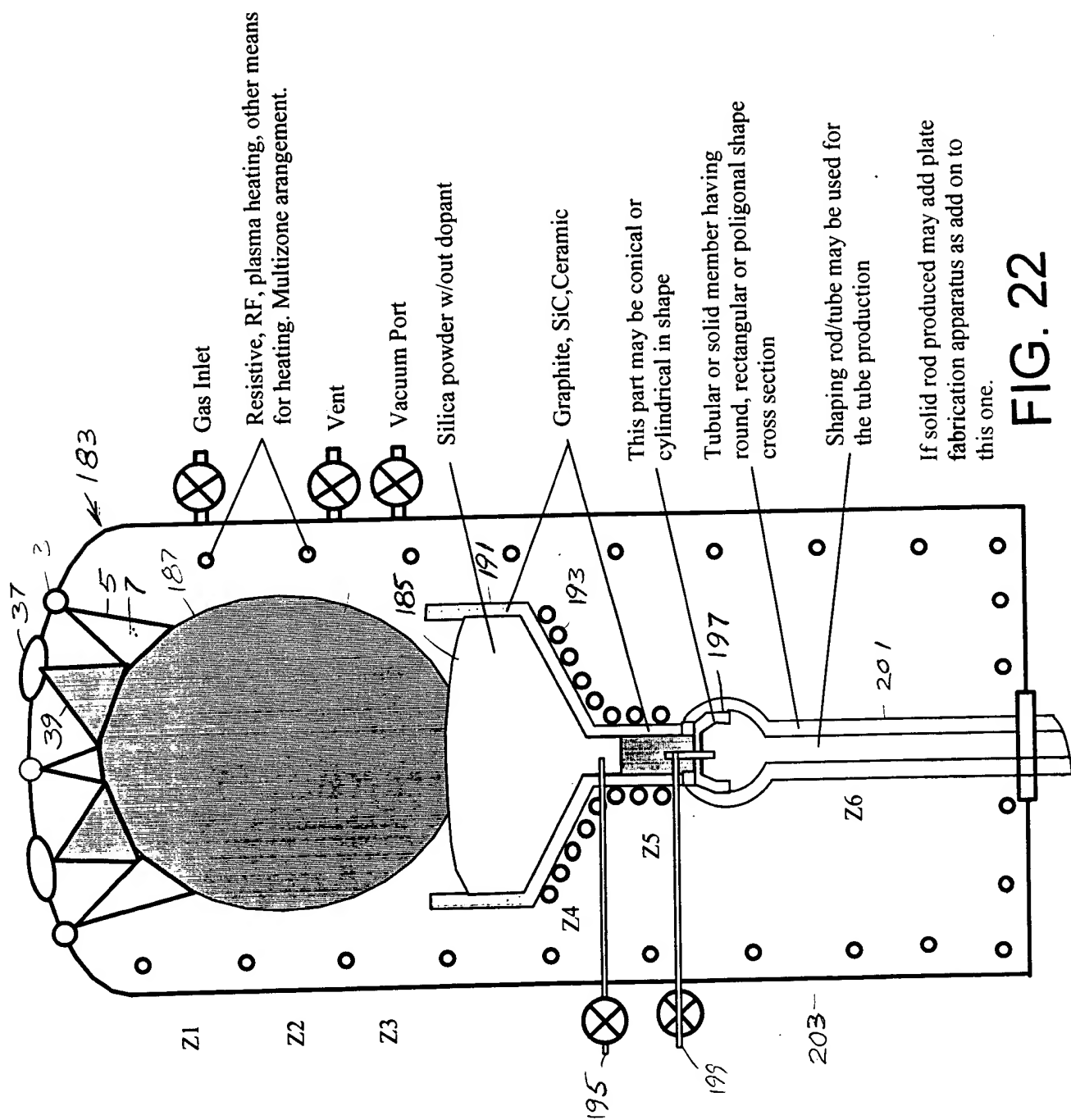


FIG. 21



If solid rod produced may add plate fabrication apparatus as add on to this one.

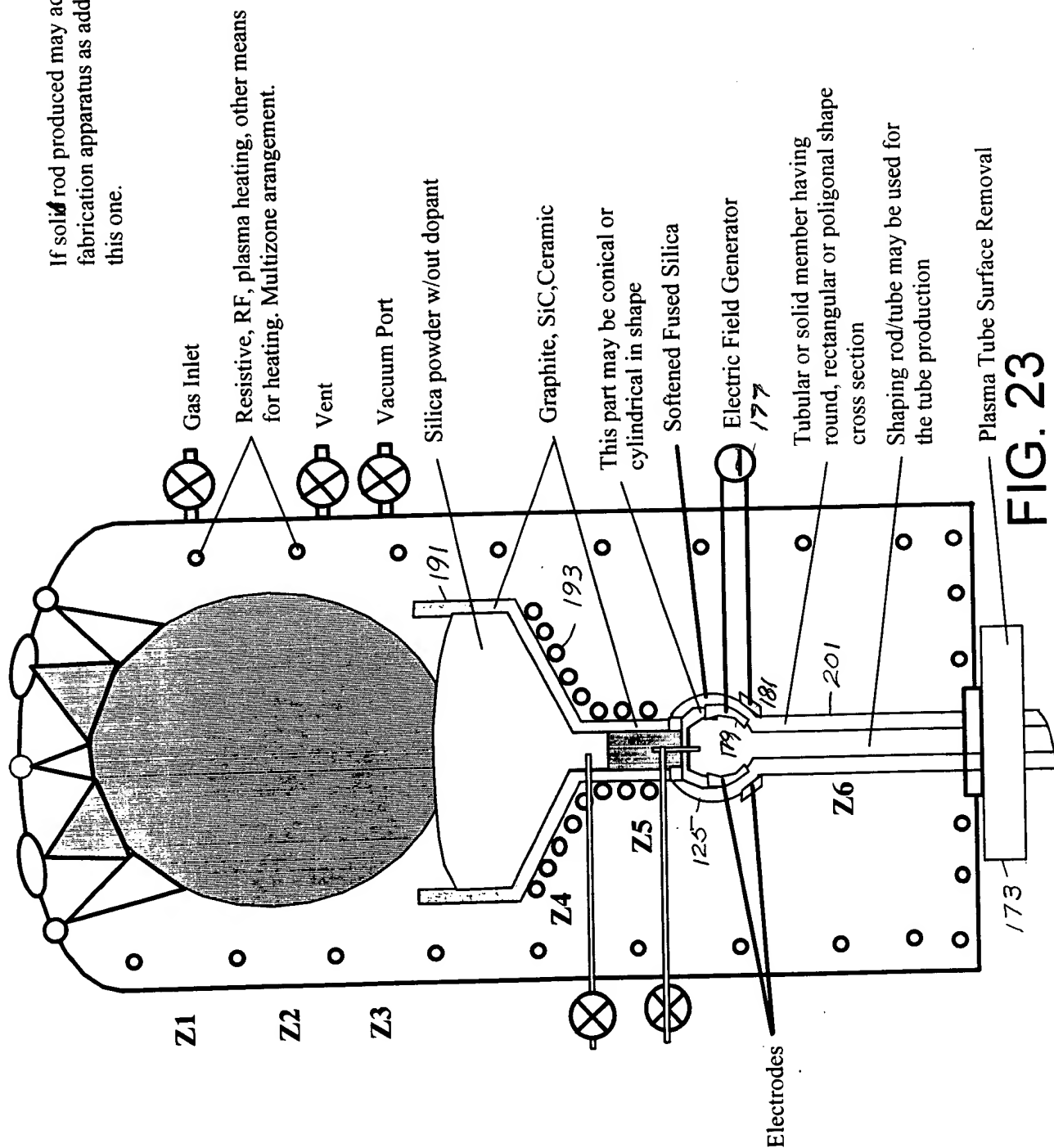


FIG. 23

If solid rod produced may add plate fabrication apparatus as add on to this one.

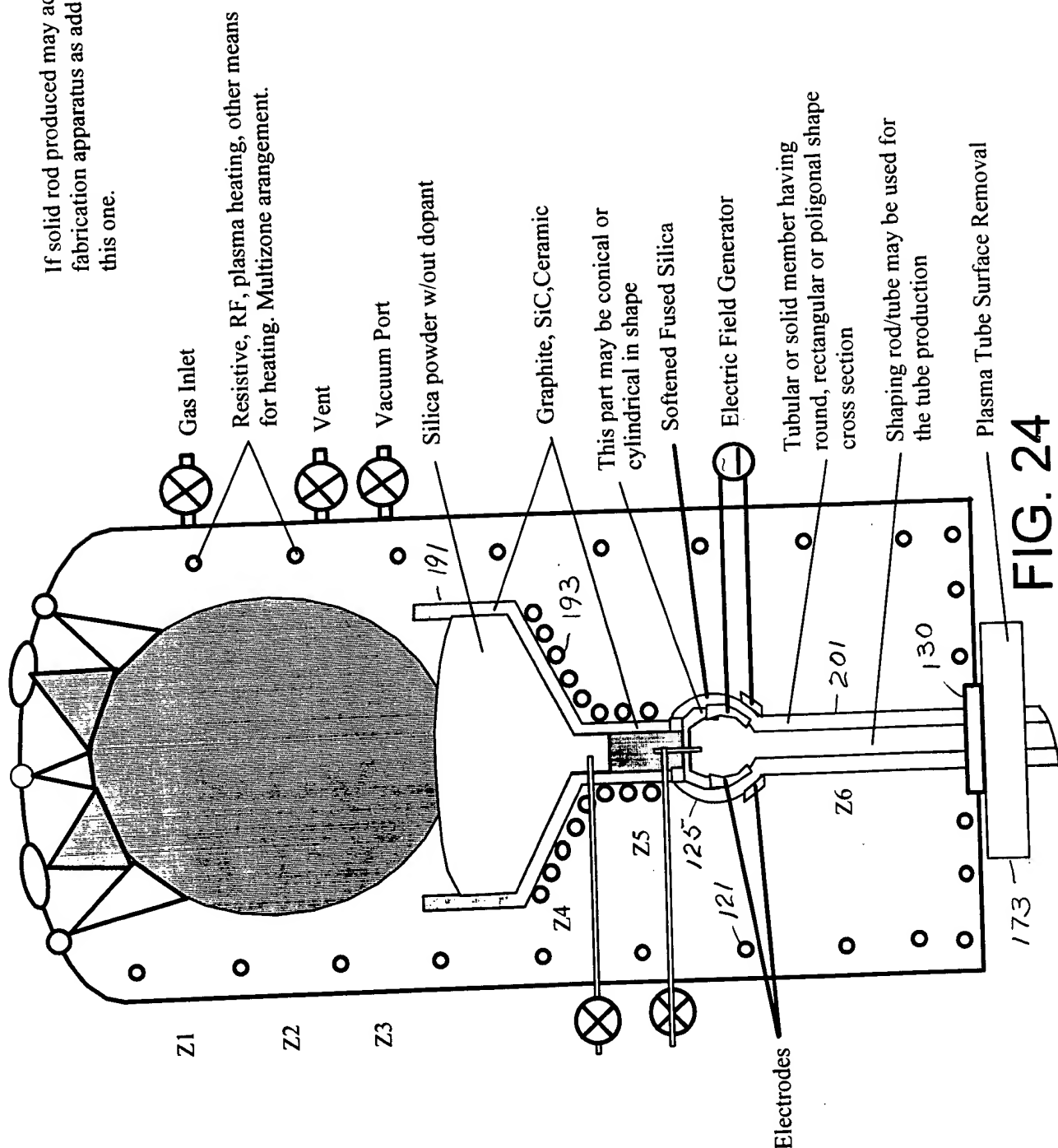


FIG. 24

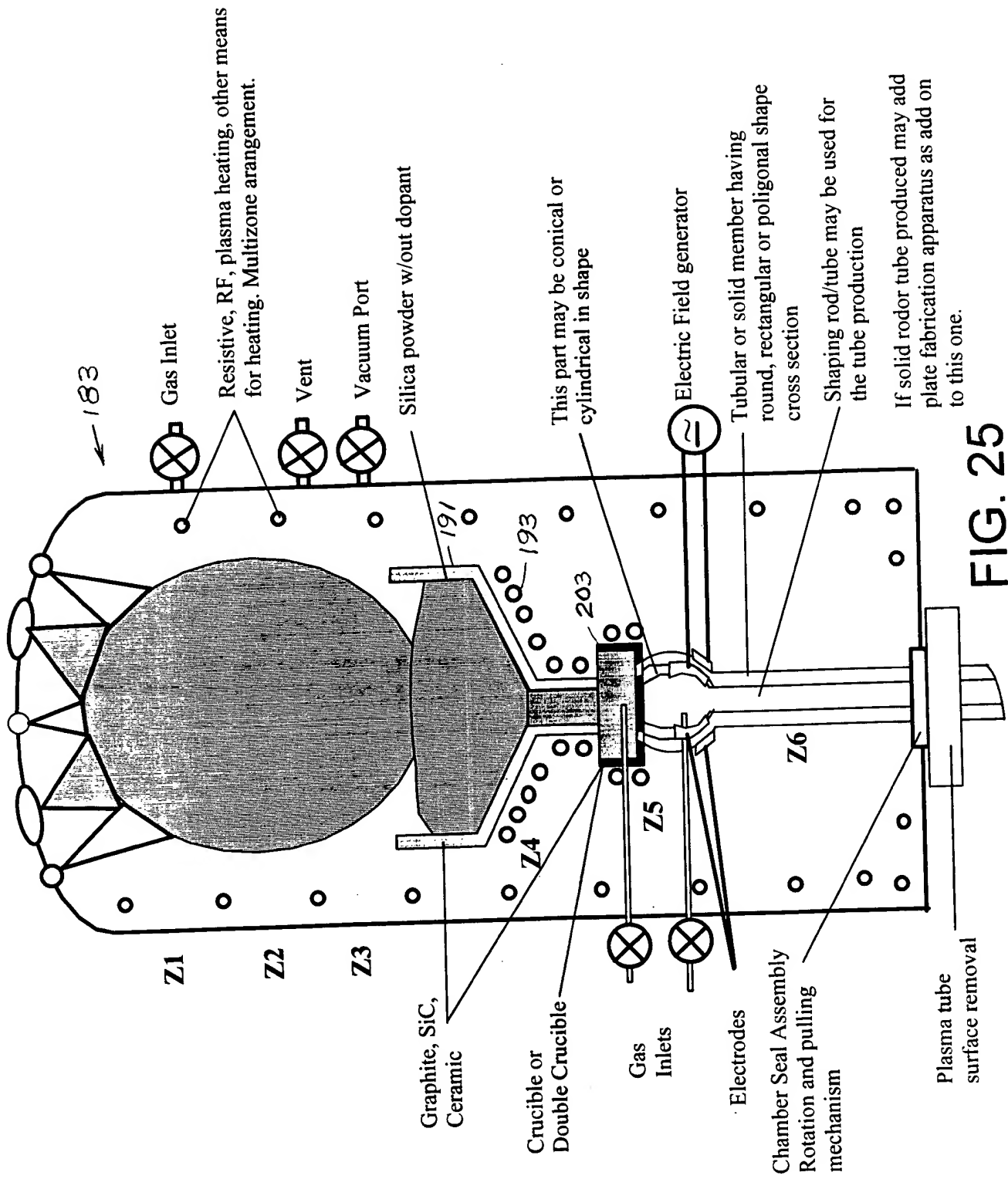


FIG. 25